

TOTAL Polypropylene PPC 4720XWZ

Polypropylene Impact Copolymer

TOTAL Refining & Chemicals

Message:

TOTAL Polypropylene 4720XWZ is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in North America for injection molding.

Important attributes of TOTAL Polypropylene 4720XWZ are:

Copolymer

Fast Molding Cycle

Good Stiffness

Impact Resistant

Nucleated

Typical applications include:

Engineering/Industrial Parts

Furniture

Household Applications

General Information			
Additive	Nucleating Agent		
Features	Antistatic		
	Fast Molding Cycle		
	Good Stiffness		
	High Impact Resistance		
	Impact Copolymer		
Uses	Nucleated		
	Furniture		
	Household Goods		
	Thin-walled Parts		
	Processing Method		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength			DIN 53453
-20°C	4.5	kJ/m ²	
23°C	9.5	kJ/m ²	
Notched Izod Impact			ASTM D256
-20°C	45	J/m	

23°C	110	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525
Melting Temperature	160 to 165	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

